

**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Brent Erickson  
**Sent:** Wed 7/2/2014 12:05:51 PM  
**Subject:** Sir Richard Branson on Biofuels & Other Highlights from the BIO International Convention

Dear Paul,

I can't believe it's already July! As we enter the time of year where many of us take time off, I wanted to quickly share some industrial biotech highlights from the BIO International Convention in vibrant San Diego.

On Tuesday, we conducted a specialized Industrial Biotech Forum. 2014 is a watershed year in commercialization, with a new wave of cellulosic and advanced biofuels facilities coming online, and new deals across the globe to develop and produce renewable chemicals, pharmaceutical intermediates, and biopolymers.

Dennis McGinn, Asst. Secretary, U.S. Navy, Energy, Installations and Environment was the Forum's keynote speaker on "National Security – Why We Need Industrial Biotech", highlighting the importance of the Navy Farm to Fleet Program.

Leaders of BIO's Industrial & Environmental Governing Board reflected on the transformation of the industrial biotech sector from pre-commercial promise to market threat – and the unprecedented policy challenges that have accompanied this transition.

Well known entrepreneur Sir Richard Branson was a keynote plenary luncheon speaker, during which he emphasized his commitment to alternative fuels, including biofuels. Starting in 2006 he pledged to invest 100 percent of his transportation companies' profits over a decade-long period to clean fuels, renewable energy and other environmental technologies. View an exclusive interview with Sir Richard Branson here.

Other panels highlighted industrial biotech in Southern California, manufacturing in Southeast Asia, and the industrial biotech boom in Brazil.

Please remember BIO will return to sunny San Diego for the **Pacific Rim Summit on Industrial Biotechnology and Bioenergy** December 7-9, 2014. Mark your calendars for this great venue! The call for papers is now open, so if you have an interesting piece of research, business proposition or idea for a panel, I encourage you to submit it now.

Best Wishes for a Great Summer,



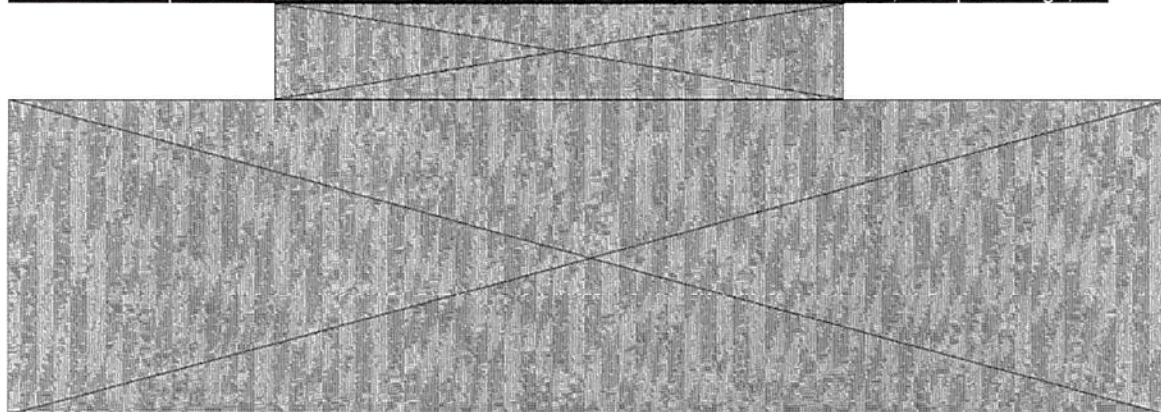
**Brent Erickson**  
Executive Vice President  
Industrial and Environmental Section  
Biotechnology Industry Organization  
[www.BIO.org/ind](http://www.BIO.org/ind)  
Follow me on *Twitter* (@BErickson\_BIO)

Biotechnology Industry Organization  
1201 Maryland Avenue, SW  
Suite 900  
Washington, DC 20024  
202.962.9200 (p)  
202.488.6301 (f)

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You were added to the system January 30, 2009. For more information  
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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Wendy Siminski  
**Sent:** Fri 6/27/2014 1:45:58 AM  
**Subject:** Thursday at BIO 2014: BIO Buzz Digital Daily

June 23-26, 2014 | San Diego, CA



**Thurs 6.26** [Convention Highlights](#) | [BD/Finance](#) | [Health](#) | [International](#)

### Convention Highlights

*Receptions Galore at #BIO2014*

Share Video:

### We Are The Worldview

Now in its 6th consecutive year, Scientific American Worldview: A Global Biotechnology Perspective will have its official launch in a special Super Session at the BIO International Convention today...

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Share Article:

### BD/Finance

*More than 29,000 partnering meetings in the BIO Business Forum and BIO Exhibition - 1,100+ per hour!*

Share Video:

### Bioeconomics: Everybody's Doing It

What is all the excitement about? "Bioeconomy" refers to all economic activity that is derived from the commercial application of biotechnology.

[Read More »](#)

Share Article:

## Health


*Sachin Shah, Phasiq Inc., at the 2014 BIO International Convention*

Share Video: 

### Industry-Disease Foundation Partnerships Thrive on Communication & Transparency

Prostate cancer is the second leading cause of cancer death in American men, behind lung cancer. According to the American Cancer Society, around 230,000 new cases of prostate cancer are diagnosed and 30,000 men die from the disease each year.

[Read More »](#)

Share Article: 

## International


*Mike May, Scientific American Worldview, at the 2014 BIO International Convention*

Share Video: 

### What International Trade Agreements Have to Do with Innovation

Innovation is not just the life-blood of the biotech industry, it is the very premise of the BIO International Convention. So what is a panel on international trade doing here?...

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## Breaking News

06.26.14

Bacteria possible key to produce useful bioplastics from the gasification of urban waste.

[Read More »](#)

06.26.14

"Working in biotechnology today, we are building the future in ways that people even a hundred years ago could hardly have imagined."

[Read More »](#)

06.26.14

PET and MRI imaging helps companies to make go/no go decisions earlier.

[Read More »](#)

Man on the Street

*The Bittenbenders at the 2014 BIO International Convention*

## Top Tweets

06.26.14

AmorChem [@AmorChem](#):

[@AmorChem](#) at a great street party in the gaslamp district, including a J&J flash mob! Bravo [@BIOConvention](#)! #BIO2014

06.26.14

Comprendia [@Comprendia](#):

It only took me 3 conferences to realize that the convention Starbucks employees know what name to put on my cup from my nametag #bio2014

06.26.14

LSAM [@LifeScienceMB](#):

What a whirlwind week at [@BIOConvention](#)! We've made some great friends and connections. Looking forward to next year's event! #BIO2015

Follow [@bioconvention](#)



## 2014 BIO International Convention

June 23-26, 2014 | San Diego, CA

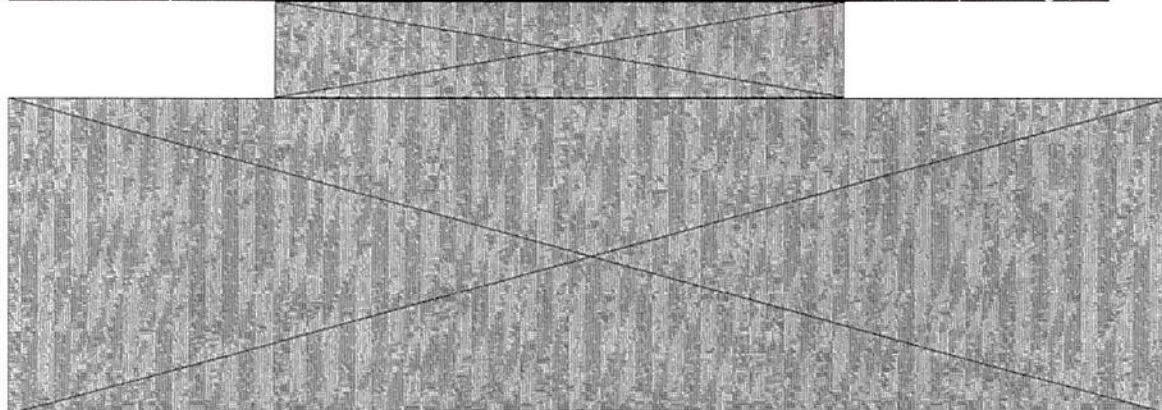
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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Wendy Siminski  
**Sent:** Thur 6/26/2014 1:50:45 AM  
**Subject:** Wednesday at BIO 2014: BIO Buzz Digital Daily

June 23-26, 2014 | San Diego, CA



Wed 6.25 [Convention Highlights](#) | [BD/Finance](#) | [Health](#) | [International](#)

### Convention Highlights

*Networking at BIO 2014*

Share Video:

### Biotech Market in Brazil is Booming!

Brazil steps into the international spotlight as host of the 2014 World Cup and the 2016 Olympics as it celebrates a quarter century of democracy and political stability.

[Read More »](#)

Share Article:

### BD/Finance

*Battelle's Mitch Horowitz provides perspective on the state of the biotechnology industry*

Share Video:

### EY Super Session: Beyond Borders 2014 – Unlocking Value

More than 500 attended the super session to go over key findings in the 28th annual EY Global Life Sciences Report: Beyond Borders,

Unlocking Value. Glen Giovannetti, EY global life sciences sector leader, and Kristin Pothier, partner in the EY commercial advisory services, moderated...

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## Health

*Anne Wojcicki, 23andMe at the 2014 BIO International Convention*

Share Video:



## Fighting Prostate Cancer with Immunotherapy

Prostate cancer is the second leading cause of cancer death in American men, behind lung cancer. According to the American Cancer Society, around 230,000 new cases of prostate cancer are diagnosed and 30,000 men die from the disease each year...

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## International

*Let's Go Global!*

Share Video:



## BIO Provides Recommendations for Growing India's Biotech Industry

BIO and the Association of Biotechnology Led Enterprises (ABLE) released a new report today, entitled Accelerating Growth: Forging India's Bioeconomy, which present recommendations in support the growth of the country's Bioeconomy.

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## Breaking News

06.25.14

Former Secretary of State Hillary Rodham Clinton participated in a moderated Q&A discussion with BIO's Jim Greenwood during the 2014 BIO International Convention.

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06.25.14

Accelerating Medicines Partnership (AMP) program, which is aimed at transforming the current model for developing new treatments by jointly identifying and validating promising



biological targets of disease.

[Read More »](#)

06.25.14

Most food companies accept the safety of GMO foods as scientific fact. But they have differing views on whether or not such products should carry a specific label. And biotech opponents have capitalized on the dilemma.

[Read More »](#)

Man on the Street



Shaun Grady, AstraZeneca, at the 2014 BIO International Convention

Top Tweets



06.25.14

Mike Spear [@mikesgene](#):

Each day the #BIO2014 lineup for coffee gets longer. Biotechnology may be needed to alleviate the caffeine crisis.

06.25.14

John Storella [@jrstorella](#):

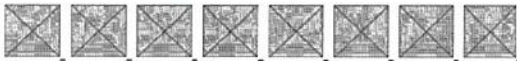
#hillaryclinton: "'Genetically modified' sounds Frankensteinish, 'drought resistant' sounds like something you want" #BIO2014

06.25.14

Sally [@SallyAdelle](#):

It's amazing being in the same place as people from across the globe who truly value the power of smarts, boldness & #innovation. #BIO2014

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#### **2014 BIO International Convention**

June 23-26, 2014 | San Diego, CA

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[Unsubscribe](#)



**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Michael.McAdams@hklaw.com  
**Sent:** Mon 6/16/2014 8:37:33 PM  
**Subject:** checking back in

Paul: Hope you conference went well, glad to hear they are letting you out in public these days. Still would love to catch up on a number of items moving forward. Best,

**Michael McAdams | Holland & Knight**

**President, ABFA**  
Sr Policy Advisor  
800 17th Street, NW Suite 1100 | Washington DC 20006  
Phone 202.469.5140 | Fax 202.955.5564  
[michael.mcadams@hklaw.com](mailto:michael.mcadams@hklaw.com) | [www.hklaw.com](http://www.hklaw.com)

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Mon 6/16/2014 4:02:05 PM  
**Subject:** question for you ... when you get a minute ...

Paul,

Would like to discuss this with you by telephone ... (and we are not recommending to Joe to meet with anybody this week ... )

Let me know when might be a good time to talk ...

Begin forwarded message:

**From:** Joe Jobe <JJobe@biodiescl.org>  
**Date:** June 13, 2014 at 1:46:15 PM CDT  
**To:** Christopher Grundler <Grundler.christopher@epa.gov>, Christopher Grundler <Grundler.Christopher@epamail.epa.gov>, Paul Argyropoulos <Argyropoulos.Paul@epamail.epa.gov>  
**Subject:** Fwd: thank you

Chris and Paul,

I am sitting at Reagan waiting out some weather trying to get home, so I thought I would send you a quick note. We had a good meeting with Gina yesterday. I made a point to compliment your team to the Administrator, mentioning the two of you by name a couple times. Below is an email that I sent back in November right after your appearance at our Member meeting right about the time of the NPRM. I never received any response, so I wondered if it went through or if I had your proper email addresses. Can you please let me know whether you got the November email as well as this email? Thank you,

Joe

Sent from my iPhone

Begin forwarded message:

**From:** Joe Jobe <JJobe@biodiescl.org>

**Date:** June 12, 2014 at 1:59:06 PM EDT  
**To:** Joe Jobe <JJobe@biodiesel.org>  
**Subject:** FW: thank you

**From:** Joe Jobe  
**Sent:** Tuesday, November 19, 2013 2:56 PM  
**To:** Christopher Grundler (Grundler.christopher.@Epa.gov); Paul Argyropoulos (argyropoulos.paul@epa.gov)  
**Subject:** thank you  
**Importance:** High

Chris and Paul,

Thank you again for coming to our meeting today. This is one of the most anxious times we've ever had – and that is saying something considering that anxious has become our norm. So I know coming to speak to our members was not the easiest thing for you to do at this time, but it was a genuine demonstration of good faith and openness on your part. We really appreciate your commitment to listen, and dialogue and work to try to find solutions to our issues going forward. I was 100% sincere when I said that we have come to know your team, and the two of you in particular, and have tremendous respect for your professionalism, competence, and integrity. We know that you care about what you are doing and work hard to do the right thing.

We are at odds over this proposal currently, but we have been at odds before and have worked it out. Our members view this as a matter of survival, so we will have to apply as much attention to this as our capacity allows and then some. I personally consider the two of you to be gentlemen of the highest order and gladly accept your offer to do what you can to work through this. I likewise commit to you that we will do anything we can do to be helpful and constructive in this process to try to produce a satisfactory outcome for everyone. Please call or email me any time about anything; there is nothing more important right now than this rulemaking. My cell number is EPA (b) (6) EPA (b) (6). Thank you again.

Sincerely,

Joe



**From:** lschafer@dcdiamondgroup.com  
**Sent:** Sat 6/14/2014 10:45:39 AM  
**Subject:** Fyi: Big Oil and Big Corn Square Off: Biodiesel And Democrats Lose

Lead story on Huff Post

[http://www.huffingtonpost.com/lindsay-san-giacomo/big-oil-big-corn-square-o\\_b\\_5475304.html](http://www.huffingtonpost.com/lindsay-san-giacomo/big-oil-big-corn-square-o_b_5475304.html)

Big Oil and Big Corn Square off: Biodiesel and Democrats Lose

Imagine, if you can, that in this polarized, partisan, divided D.C., there were environmentally friendly standards that were so common sense and on-target that Republicans and Democrats across two administrations could agree to them.

Now imagine a government agency scrapping those same standards.

Not easy, right? But that's exactly what's happening in Washington right now, as the Environmental Protection Agency (EPA) prepares to reduce the Renewable Fuel Standard (RFS). Until 2014, the Obama Administration always supported raising the RFS, which mandates the amount of biofuels blended into our national fuel supply every year. But now the EPA is proposing keeping the 2013 standards through 2015. The big question here is why.

There's been no end to the guesses as to why an agency tasked with protecting the environment (after all, it's right there in the name) would, suddenly and without explanation, work against an environmentally sound law that drew support from George W. Bush and the party that brought America "drill, baby, drill!" At first, it seemed like perhaps this was a way for the Obama Administration to make nice with Big Oil right before it killed the Keystone Pipeline. But, with the Keystone project put on hold indefinitely, it seems like that might not be the answer.

The potential EPA decision also seems to be pitting Big Oil against Big Corn and there's always the thought that money is greasing the wheels here (pun intended). Big Oil is spending \$81 million a year in lobbying -- three times more than Big Corn -- and perhaps they're looking to see a return on investment.

But the EPA isn't only talking about cutting ethanol. This decision would take a major swipe at biodiesel as well. Biodiesel is made from renewable sources like used cooking oils that would otherwise be dumped by restaurants -- becoming sludge in our environment. This is from the EPA's own website: "It is safe to use in any diesel engine and is more sustainable and far less polluting than conventional petroleum diesel. Biodiesel significantly reduces asthma-causing soot, greenhouse gases, carbon dioxide, and sulfur dioxide in air emissions." Biodiesel is environmentally friendly, so why is the EPA taking a whack at it?

Reuters added an interesting wrinkle last month by suggesting that it was actually the politically powerful Carlyle Group and Delta Air Lines (owners of two Philly-area refineries) that were putting pressure on Vice President Biden and other key Obama Administration players to make sure their interests were protected. This would be the same Carlyle Group that has strong ties to the Saudi Royal family and the Bin Ladens, who, until October 2001, were investors in the

group. In fact, The Carlyle Group has organized at least two meetings between President George H.W. Bush and the Binladens (many members of the family prefer to spell their name this way. They also claim to have severed all ties between themselves and Osama Bin Laden). Although they claim to not to be a lobbying firm, clearly The Carlyle Group would not be advocating for anything that took money from the pockets of Big Oil since they are so clearly in the pockets of Big Oil, even if it meant taking sludge waste and turning it into an environmentally sound source of energy.

It's not just the environment that could take a hit here. This potential EPA decision has serious political ramifications too, especially in states like Iowa, where Corn is King. And this is where Democrats have got to stop shooting themselves in the foot. The race to replace retiring Senator Tom Harkin is already close between Democratic Congressman Bruce Braley and Tea Party darling Joni Ernst (who starts off her campaign ad with a tale of how she grew up castrating pigs in what must have been one confusing and horrific childhood). Now Ernst has come out in favor of biofuels and Braley is on the defensive because this potential decision is being handed down by his own party. A move like the one the EPA is proposing could cost the Democrats a Senate seat, not only putting control of the Senate in jeopardy, but putting someone like Joni Ernst in the Senate. (Remember, she starts her campaign ad talking about castration and goes on to say she wants to change the nation's healthcare system. Think about that, male voter, as you head into your Des Moines polling center).

It's not just Iowa. Senator Al Franken, who's also up for reelection, is a strong proponent of biodiesel because he knows how important it is to the economy of his home state of Minnesota, which has, in many ways, been a leader in the biofuel industry. A decision like the one the EPA is proposing is going to make his campaign that much harder. And it's not just this year, either. Future Democratic candidates running for Senate seats in states like Missouri, Montana and North Dakota could take a hit because of the RFS being slashed.

This is so bizarrely out-of-character for the White House -- which has never been a friend to Big Oil before -- that Citizens for Responsibility and Ethics in Washington, a powerful watchdog group in Washington is even calling for an investigation. As they should. The EPA must explain why they want to change course on the RFS and decrease the amount of biofuels produced going forward. The ramifications to our environment, both natural and political are too great. I don't want to see our country take a giant step back in the effort to reduce our dependence on oil and explore environmentally safe, alternative, and renewable energy sources. And I sure as hell don't want to see our Senate fall into the hands of Tea Party leaders like Joni Ernst and Ted Cruz (who, may I remind you, failed to grasp the driving narrative behind Green Eggs and Ham, a book that consists of a mere 50 words).

Ultimately, though, I hope that an investigation is unnecessary and that the EPA decides to stay the current course and increase the amount of biofuels in our national fuel supply. Because it's the right thing to do in any environment?

=====

Larry Schafer



t: 202.997.8072

=====

----- Forwarded message -----

From: "Larry Schafer" <[lschafer@dcdiamondgroup.com](mailto:lschafer@dcdiamondgroup.com)>

Date: Jun 14, 2014 6:32 AM

Subject: Big Oil and Big Corn Square Off: Biodiesel And Democrats Lose

To: <[Lschafer@biodiesel.org](mailto:Lschafer@biodiesel.org)>

Cc:

Article: <http://huff.to/1kx99a3>

=====

Larry Schafer

t: [202.997.8072](tel:202.997.8072)

=====

**To:** Grundler, Christopher[grundler.christopher@epa.gov]; Grundler, Christopher[grundler.christopher@epa.gov]; Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Joe Jobe  
**Sent:** Fri 6/13/2014 6:46:15 PM  
**Subject:** Fwd: thank you

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really appreciate your commitment to listen, and dialogue and work to try to find solutions to our issues going forward. I was 100% sincere when I said that we have come to know your team, and the two of you in particular, and have tremendous respect for your professionalism, competence, and integrity. We know that you care about what you are doing and work hard to do the right thing.

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Sincerely,

Joe

To: Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
From: Wendy Siminski  
Sent: Thur 6/12/2014 4:47:15 PM  
Subject: 14 Reasons to Register for BIO 2014

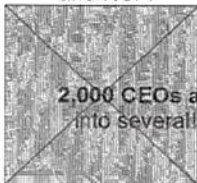
14 Reasons to Register Today

## Exhibition Access: 14 Reasons to Register for BIO 2014

BIO 2014 offers valuable opportunities for every budget. Here's 14 reasons why you should invest \$195 in Exhibition Access.

**Psssst...Share this email with a colleague.**

- 1 Enjoy 3 days of access to the BIO Exhibition featuring 1,700 companies – learn more about BIO's [product focus zones](#), [50+ state and international pavilions](#), or browse the [full exhibitor list](#).
- 2 Hear [Company Presentations](#) from nearly 200 industry innovators as they deliver 15-minute Company Presentations. Topics include: oncology; drug discovery; infectious diseases; public & private companies; emerging & leading biotech & pharma; phases I, II, & III; SBIR grantees from NIH and NSF.



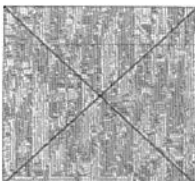
**2,000 CEOs are already registered for BIO 2014 – walk in any direction and you're bound to run into several**

- 4 BIO 2014 is in San Diego. Need we say more? Check out our [preview video](#).
- 5 BIO attendees come from more than 60 countries – a third of BIO's attendance is international. With Exhibition Access, you can attend sessions in the [Emerging Opportunities in Global Markets Forum](#) and [International Market Briefings](#).
- 6 If you've never participated in the BIO International Convention before, join more than 4,000 industry professionals attending the event for the very first time. If you are attending for the first time, participate in the [First-Time Attendee Orientation](#).

If you wear footwear like this, people will think you're cool.

With Exhibition Access you can attend any of these sessions – the [Scientific American Worldview – Biotech: We are the World](#); or [The Bioethics of Drug Development - You Make the Call!](#); or [Like](#).





#### Share, and Tweet Your Way to Change.

Attend presentations in the BioProcess Theater at the heart of the BioProcess Zone (Booth #711). Listen, learn, and interact with leading biopharmaceutical experts as they present the latest scientific and business trends impacting the development and manufacture of biotherapeutics. Enjoy the Exhibitor Hospitality Receptions, the single largest networking event at BIO. Meet exhibitors and fellow attendees as you enjoy an assortment of food, drinks, entertainment and exciting giveaways from more than 50 exhibitors.



You can network, eat lunch, sample rum from Puerto Rico and enjoy views like this from the SunDeck Lounge.

Participate in a number of targeted meet-ups including: Digital Health; Tech Transfer, Academia & Patient Advocacy; Women in BIO; GEN Grad Bash and GEN TEN Awards; and Bloomberg Government Affairs Reception.

Be part of something new at BIO. Participate in the BIO Idea Hack, hosted by MIT H@cking Medicine, and help crowdsource solutions to some of our industry's greatest challenges.

Beer. It's where the biotech industry began and we'll celebrate with a number of networking events throughout the week including the BIO Beer Bash on Thursday from 3:30-5:30pm in the Exhibition. Don't forget to pick up a BIO koozie from the BIO Buzz Center!

With value like that for less than \$200, can you afford to miss BIO 2014? I didn't think so!



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June 23-26, 2014 | San Diego, CA

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Meekins, Tanya

---

**From:** Michael.McAdams@hklaw.com  
**Sent:** Thursday, June 12, 2014 10:02 AM  
**To:** Argyropoulos, Paul  
**Subject:** Lunch today

Elephant and castle. 1215?

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Sent using BlackBerry

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Wed 6/11/2014 3:17:13 PM  
**Subject:** RE: Any chance you can get away from your desk on Wednesday or Thursday

Sorry I missed you at 10 ... can you give me another time to call?

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)  
-----

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1331 Pennsylvania Ave. NW

Suite 505

Washington DC 20004

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Wednesday, June 11, 2014 6:48 AM  
**To:** Larry Schafer  
**Subject:** RE: Any chance you can get away from your desk on Wednesday or Thursday

Give me a ring about 10am if you can.

Thanks, Paul

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)

**From:** Larry Schafer [<mailto:lschafer@dcdiamondgroup.com>]

**Sent:** Tuesday, June 10, 2014 10:20 PM

**To:** Argyropoulos, Paul

**Subject:** Re: Any chance you can get away from your desk on Wednesday or Thursday

If you get time then let me know .... we have a board meeting next week ... and I am trying to make sure we maintain a constructive relationship through this difficult time ... you are my friend ... which means more to me than this process ...

=====

Larry Schafer

t: 202.997.8072

=====

On Jun 10, 2014 7:51 PM, "Argyropoulos, Paul" <[Argyropoulos.Paul@epa.gov](mailto:Argyropoulos.Paul@epa.gov)> wrote:

Thursday is out. Tomorrow is a slim possibility. However, it's not likely we can chat about anything so not sure of the purpose.

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
Office of Transportation and Air Quality  
Mobile: 202-577-9354

**From:** Larry Schafer

**Sent:** Tuesday, June 10, 2014 7:11 PM

**To:** Argyropoulos, Paul

**Subject:** Any chance you can get away from your desk on Wednesday or Thursday

=====

Larry Schafer

t: 202.997.8072

=====



**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Michael.McAdams@hklaw.com  
**Sent:** Tue 6/10/2014 3:10:52 PM  
**Subject:** RE: Nations First Renewable Diesel Plant Has a New Owner

Thanks for forwarding this along. You have time for lunch this week?

**Michael McAdams** | Holland & Knight  
Sr Policy Advisor  
800 17th Street, NW Suite 1100 | Washington DC 20006  
Phone 202.469.5140 | Fax 202.955.5564  
[michael.mcadams@hklaw.com](mailto:michael.mcadams@hklaw.com) | [www.hklaw.com](http://www.hklaw.com)

[Add to address book](#) [View professional biography](#)

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Tuesday, June 10, 2014 9:15 AM  
**To:** McAdams, Michael J (WAS - X75140)  
**Subject:** FW: Nations First Renewable Diesel Plant Has a New Owner

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)

**From:** Argyropoulos, Paul  
**Sent:** Tuesday, June 10, 2014 9:12 AM  
**To:** McAdams J. Michael  
**Subject:** Nations First Renewable Diesel Plant Has a New Owner

Ahh,

And so it begins.....

<http://www.governorsbiofuelscoalition.org/?p=9620>

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]; Grundler, Christopher[grundler.christopher@epa.gov]  
**From:** Brooke Coleman  
**Sent:** Fri 6/6/2014 8:34:12 PM  
**Subject:** Fwd: June 6 -- E&ENews PM is ready

Not sure why bio is saying this. We are fine and know why it's happening.

----- Original message -----

**From:** Samantha Slater  
**Date:** 06/06/2014 3:57 PM (GMT-05:00)  
**To:** EthanolRFA ,Ed Hubbard ,Gcoff Cooper ,Christina Martin ,Brooke Coleman ,Dawn Moore  
**Subject:** FW: June 6 -- E&ENews PM is ready

## **BIOFUELS:**

# **EPA extends compliance period for 2013 blend requirement**

Amanda Peterka, E&E reporter

Published: Friday, June 6, 2014

U.S. EPA today extended the compliance period for refiners to meet 2013 renewable fuel requirements, a move that paves the way for the Obama administration to punt a decision on a controversial 2014 proposal.

In a final rule posted online this afternoon, the agency said it would extend the deadline until Sept. 30 for refiners to blend 16.55 billion ethanol-equivalent gallons of renewable fuels into petroleum. The 2013 compliance year had been scheduled to end on June 30.

"In light of the fact that the EPA has not yet issued the 2014 annual standards rule, we believe it is appropriate to provide a further extension of the 2013 compliance demonstration deadline," EPA said in the rule.

EPA said it believes that refiners should know the 2014 requirements prior to the end of the 2013 compliance year. The 2014 requirements will affect the decisions of refiners to bank renewable fuel credits for use in the future, the agency said.

For months, EPA officials have publicly said the agency would finalize the agency's 2014 renewable fuel rule, the proposal for which called for the first-ever rollback of the nation's biofuel targets, before the end of June. The extension of the compliance period, rumors of which began to surface this week, today takes heat off the agency to issue the rule before the end of the month.

The agency did not respond to a request for comment earlier today on the extension and when it plans to send its final version of the rule to the White House Office of Management and Budget for review.

In an email this afternoon to industry stakeholders obtained by *E&ENews PM*, Paul Argyropoulos, senior policy adviser in EPA's Office of Transportation and Air Quality, said that the agency intends to issue the 2014 volume standards "in the near future."

"The 2014 RFS rulemaking has been more time consuming than originally anticipated," the agency said in today's action, noting that EPA received more than 300,000 public comments.

The 2014 rule as proposed in November would require refiners to use 15.21 billion gallons of ethanol and advanced biofuels (*E&ENews PM*, Nov. 15, 2013).

Advanced biofuels producers objected to the delay. Oil companies have known since 2007, when the renewable fuel standard was written into law, what their obligations would be in 2013 and 2014, Biotechnology Industry Organization spokesman Paul Winters said.

"EPA should issue a final rule for the 2014 RFS that is consistent with established policy and the goals of the program," Winters said. "Delays in issuing rules and especially in approval of new pathways significantly chill investment in emerging advanced biofuel companies."

Twitter: [@apeterka](#) | Email: [apeterka@eenews.net](mailto:apeterka@eenews.net)

\*\*\*\*\*

Samantha M. Slater

Vice President, Government Affairs

Renewable Fuels Association

425 Third Street, SW, Suite 1150

Washington, D.C. 20024

Telephone: 202-289-3835

Fax: 202-289-7519

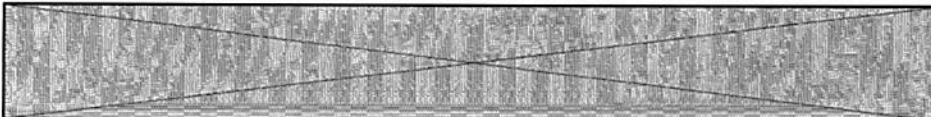
Cell: 202-302-5165

E-mail: [sslater@ethanolrfa.org](mailto:sslater@ethanolrfa.org)

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**From:** E&E Publishing [mailto:eaalerts@eenews.net]  
**Sent:** Friday, June 06, 2014 3:56 PM  
**To:** Samantha Slater  
**Subject:** June 6 -- E&ENews PM is ready



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E&ENews PM -- Fri., June 6, 2014 -- [Read the full edition](#)

**1. CLIMATE: New White House report props up Obama on health impacts**

A White House report released today is aimed at reinforcing President Obama's message from earlier this week that new greenhouse gas rules are needed to protect Americans' health.

THIS AFTERNOON'S STORIES

**2. CAMPAIGN 2014: House Dems plan incursions into GOP territory**

**3. INTERIOR: Jewell defends commitment to Alaska Natives in light of Izembek criticism**

**4. BIOFUELS: EPA extends compliance period for 2013 blend requirement**

**5. OIL AND GAS: G-7 leaders commit to payment disclosure**

**6. INTERIOR: Jewell designates new nationally recognized hiking, biking, water trails**

**7. CHESAPEAKE BAY: Md. officials showcase projects vying for USDA grants**

E&ETV's The Cutting Edge

**8. UTILITIES: *EnergyWire*'s Behr discusses impact of EPA emissions rule on grid stability**

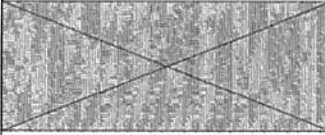
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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Michael.McAdams@hklaw.com  
**Sent:** Fri 6/6/2014 6:26:58 PM  
**Subject:** Re: Lunch

Have a good weekend. Did not see the email. Thanks.

-----  
Sent using BlackBerry

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Friday, June 06, 2014 02:11 PM Eastern Standard Time  
**To:** McAdams, Michael J (WAS - X75140)  
**Subject:** Fw: Lunch

Sorry. In Lynchburg. Hope all is well. Hope you got my email on extending the 2013 compliance deadline.

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
Office of Transportation and Air Quality  
Mobile: 202-577-9354

Paul: You available for lunch today?

**Michael McAdams | Holland & Knight**  
Sr Policy Advisor  
800 17th Street, NW Suite 1100 | Washington DC 20006  
Phone 202.469.5140 | Fax 202.955.5564  
[michael.mcadams@hklaw.com](mailto:michael.mcadams@hklaw.com) | [www.hklaw.com](http://www.hklaw.com)

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Fri 6/6/2014 5:34:22 PM  
**Subject:** RE: 2013 RFS Compliance Deadline Extended to September 30, 2014

Thanks Paul ...

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)  
-----

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Suite 505

Washington DC 20004

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Friday, June 06, 2014 1:26 PM  
**To:** Undisclosed recipients:  
**Subject:** 2013 RFS Compliance Deadline Extended to September 30, 2014

Dear Interested Parties:

EPA is taking final action to extend the compliance deadlines for the 2013 renewable fuel standards (RFS). The new deadlines are September 30, 2014 for obligated parties to submit compliance reports to EPA, and January 30, 2015 for submission of third party verification reports. EPA is extending these deadlines to assist industry with managing their compliance with both the 2013 and 2014 renewable fuel standards. EPA intends to issue the 2014 volume standards in the near future.

For more information: <http://epa.gov/otaq/fuels/renewablefuels/regulations.htm>

Regards,

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)



**To:** michael.mcadams@hklaw.com [michael.mcadams@hklaw.com]  
**From:** Microsoft Outlook  
**Sent:** Fri 6/6/2014 5:26:26 PM  
**Subject:** Undeliverable: 2013 RFS Compliance Deadline Extended to September 30, 2014  
2013 RFS Compliance Deadline Extended to September 30, 2014

**Delivery has failed to these recipients or groups:**

michael.mcadams@hklaw.com

The format of the email address isn't correct. A correct address looks like this: someone@example.com.  
Please check the recipient's email address and try to resend the message.

**Diagnostic information for administrators:**

Generating server: BY2PR09MB0176.namprd09.prod.outlook.com

michael.mcadams@hklaw.com

Remote Server returned '550 5.1.3 STOREDRV.Submit; invalid recipient address'

**Original message headers:**

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BY2PR09MB0176.namprd09.prod.outlook.com ([10.255.243.150]) with mapi id  
15.00.0954.000; Fri, 6 Jun 2014 17:26:26 +0000  
Content-Type: application/ms-tnef; name="winmail.dat"  
Content-Transfer-Encoding: binary  
From: "Argyropoulos, Paul" <Argyropoulos.Paul@epa.gov>  
Subject: 2013 RFS Compliance Deadline Extended to September 30, 2014  
Thread-Topic: 2013 RFS Compliance Deadline Extended to September 30, 2014  
Thread-Index: Ac+Bq3mXNGIgTQytQWSHjeodw9rF4g==  
Date: Fri, 6 Jun 2014 17:26:25 +0000  
Message-ID:  
<47a04423c456443f88f9ade812086571@BY2PR09MB0176.namprd09.prod.outlook.com>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
<47a04423c456443f88f9ade812086571@BY2PR09MB0176.namprd09.prod.outlook.com>  
MIME-Version: 1.0  
X-Originating-IP: [134.67.6.11]

**From:** Argyropoulos, Paul  
**Sent:** Fri 6/6/2014 5:26:25 PM  
**Subject:** 2013 RFS Compliance Deadline Extended to September 30, 2014

Dear Interested Parties:

EPA is taking final action to extend the compliance deadlines for the 2013 renewable fuel standards (RFS). The new deadlines are September 30, 2014 for obligated parties to submit compliance reports to EPA, and January 30, 2015 for submission of third party verification reports. EPA is extending these deadlines to assist industry with managing their compliance with both the 2013 and 2014 renewable fuel standards. EPA intends to issue the 2014 volume standards in the near future.

For more information: <http://epa.gov/otaq/fuels/renewablefuels/regulations.htm>

Regards,

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)

Meekins, Tanya

---

**From:** Michael.McAdams@hklaw.com  
**Sent:** Tuesday, June 03, 2014 9:32 AM  
**To:** Argyropoulos, Paul  
**Subject:** Re: Pathways

Thanks Paul. This is what I expected was the case. Just to be clear we submitted a pathway request for solazyme which gave options. And the algenol one we know we don't have one for ethanol so we would request a pathway from the algae to ethanol. That one we are running by the company early next week and would then submit.

I am in europe this week spreading cheer about our industry. Back on friday. Thanks for the guidance. The guys from solazyme are pushing me so I will follow your suggestion and be back in touch when I am back

Appreciate all you do and what you must do to achieve it. Retirement can't be that far away for us all. God bless.

-----  
Sent using BlackBerry

----- Original Message -----

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Tuesday, June 03, 2014 07:08 AM Eastern Standard Time  
**To:** McAdams, Michael J (WAS - X75140)  
**Subject:** RE: Pathways

Hi Mike, things are nuts around here but all is well. I hope it is on your end as well.

We can chat by phone later. Bottom line, given our "pause" and the fact that the team wants complete packages for review etc. prior to having meetings, I'd say it is not likely we'll want to meet until after the review is done and the materials are all up to snuff.

As far as Solazyme, I think it's possible that they consider a meeting to discuss the best potential pathway approach for Solazyme to develop their petition. I'd expect going through Sharyn and framing the request in that way is the best approach.

Hope this helps.

Talk to you later.

Best, Paul

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
Office of Transportation and Air Quality  
Phone: 202-564-1123  
Mobile: 202-577-9354  
Email: argyropoulos.paul@epa.gov  
Web: www.epa.gov

-----Original Message-----

From: Michael.McAdams@hklaw.com [mailto:Michael.McAdams@hklaw.com]  
Sent: Tuesday, June 03, 2014 6:50 AM  
To: Argyropoulos, Paul  
Subject: Pathways

20F2

Paul. Hope you are well.

Question? Tom and I are working with three companies as you know at the present time. In the past we have always sent over the part 80 and pathway request let you review them and brought the clients in to discuss the specifics.

We sent Solazymes over about a month ago. And we sent over the part 80 registration for chemtex/betamax -Italy last week. We are currently planning on submitting algenol early next week.

Are you all still taking meeting with pending petitions to discuss? I know the Solazyme folks are prepared and Tom particularly has helped with the calculations. As for chemtex don't know that we need them but trying to get a fix on likely timing. And lastly thinking solazyme probably need to discuss various options around best pathway approach although we are assuming it will require separate new pathway for ethanol component.

Thanks for your guidance.

-----  
Sent using BlackBerry

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Tue 6/3/2014 1:18:58 PM  
**Subject:** RE: How is your week looking ...

I understand ... let me know when you get some breathing room ...

If your schedule opens up on the 18<sup>th</sup> ... you have an open invitation ...

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)

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1331 Pennsylvania Ave. NW

Suite 505

Washington DC 20004

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Tuesday, June 03, 2014 9:13 AM  
**To:** Larry Schafer



**Subject:** RE: How is your week looking ...

Hi Larry,

The week is looking very bad. Maybe we can chat by phone tomorrow, in the morning.

WRT the board meeting, we will have to take a pass. There isn't anything that can be said at this point. You can express our thanks for the invite, let everyone know we'll look to participate next go round but we have all hands on deck working on the backlog of work, RFS related and otherwise. Heck, I'm even having to take on helping with our response to comments document, which I've never had to do in the past.

Thanks, Paul

Paul Argyropoulos

Senior Policy Advisor

US EPA

Office of Transportation and Air Quality

Phone: 202-564-1123

Mobile: 202-577-9354

Email: [argyropoulos.paul@epa.gov](mailto:argyropoulos.paul@epa.gov)

Web: [www.epa.gov](http://www.epa.gov)

**From:** Larry Schafer [<mailto:lschafer@biodiesel.org>]

**Sent:** Tuesday, June 03, 2014 8:41 AM

**To:** Argyropoulos, Paul

**Subject:** How is your week looking ...

Paul,

Can you fit me in for 15 minutes this week?

Also,

We would like you to speak to the National Biodiesel Board's Board of Directors Meeting on the Morning of Wednesday June 18, 2014.

We know you won't be able to say much if anything ... but we would like to continue the ongoing respectful discussion, tradition and relationship you have built with the National Biodiesel Board.

Let me know if you can make that work.

Thanks

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)

-----  
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Suite 505

Washington DC 20004

**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Tue 6/3/2014 12:40:43 PM  
**Subject:** How is your week looking ...

Paul,

Can you fit me in for 15 minutes this week?

Also,

We would like you to speak to the National Biodiesel Board's Board of Directors Meeting on the Morning of Wednesday June 18, 2014.

We know you won't be able to say much if anything ... but we would like to continue the ongoing respectful discussion, tradition and relationship you have built with the National Biodiesel Board.

Let me know if you can make that work.

Thanks

-----  
Larry Schafer  
National Biodiesel Board  
O: 202.737.8801  
M: 202.997.8072  
[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)  
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[www.americasadvancedbiofuel.com](http://www.americasadvancedbiofuel.com)

1331 Pennsylvania Ave. NW  
Suite 505  
Washington DC 20004

Meekins, Tanya

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**From:** Michael.McAdams@hklaw.com  
**Sent:** Tuesday, June 03, 2014 6:50 AM  
**To:** Argyropoulos, Paul  
**Subject:** Pathways

Paul. Hope you are well.

Question? Tom and I are working with three companies as you know at the present time. In the past we have always sent over the part 80 and pathway request let you review them and brought the clients in to discuss the specifics.

We sent Solazymes over about a month ago. And we sent over the part 80 registration for chemtex/betamax -Italy last week. We are currently planning on submitting algenol early next week.

Are you all still taking meeting with pending petitions to discuss? I know the Solazyme folks are prepared and Tom particularly has helped with the calculations. As for chemtex don't know that we need them but trying to get a fix on likely timing. And lastly thinking solazyme probably need to discuss various options around best pathway approach although we are assuming it will require separate new pathway for ethanol component.

Thanks for your guidance.

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Sent using BlackBerry

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**To:** Group A-AND-R-DOCKET[A-AND-R-DOCKET@epa.gov]; Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]; Grundler, Christopher[grundler.christopher@epa.gov]  
**Cc:** Brent Erickson[berickson@bio.org]; Matthew Carr[mcarr@bio.org]; Paul Winters[pwinters@bio.org]  
**From:** Erick Lutt  
**Sent:** Mon 6/2/2014 9:07:16 PM  
**Subject:** BIO Comments on EPA's Proposed Rule on 2013 Cellulosic Biofuel Standard  
BIO IES - EPA Proposed Rule on 2013 Cellulosic Biofuel Standard - Docket....pdf

Please find BIO's comments to EPA regarding its May 2, 2014 proposed rule on the 2013 cellulosic biofuel standard that was finalized in "Regulation of Fuels and Fuel Additives: 2013 Renewable Fuel Standards (RFS); Final Rule." Please note these comments are not in response to EPA's Direct Final Rule also issued on May 2, 2014.

Thank you for your consideration.

**Erick Lutt**

Director, Industrial & Environmental Section

Biotechnology Industry Organization

Direct: 202.962.6641/Mobile: 202.701.8153

elutt@bio.org



June 2, 2014

The Honorable Gina McCarthy  
Administrator, Environmental Protection Agency  
Air and Radiation Docket and Information Center  
Mailcode: 2822T  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

Email: [a-and-r-docket@epa.gov](mailto:a-and-r-docket@epa.gov)

**Docket ID No. EPA-HQ-OAR-2012-00546**

Dear Administrator McCarthy:

## **I. Introduction**

The Biotechnology Industry Organization ("BIO") is pleased to provide comments on the U.S. Environmental Protection Agency's ("EPA") May 2, 2014 proposed rule on the 2013 cellulosic biofuel standard<sup>1</sup> that was finalized in "Regulation of Fuels and Fuel Additives: 2013 Renewable Fuel Standards (RFS); Final Rule"<sup>2</sup>. Please note these comments are not in response to EPA's Direct Final Rule also issued on May 2, 2014<sup>3</sup>.

BIO is the world's largest trade association representing biotechnology companies, academic institutions, state biotechnology centers and related organizations across the United States and in more than 30 other nations. BIO members are involved in the research and development of innovative healthcare, agricultural, industrial and environmental biotechnology products.

BIO represents nearly 90 companies leading the development of new technologies for producing conventional and advanced biofuels. Through the application of industrial biotechnology BIO members are improving conventional biofuel processes, enabling advanced and cellulosic biofuel production technologies and speeding development of new purpose grown energy crops.

## **II. EPA should not view this revision as precedent for future years**

EPA is proposing these revisions to the cellulosic biofuel standard of the 2013 RFS in response to petitions it received from the American Fuel and Petrochemical Manufacturers (AFPM) and the American Petroleum Institute (API) in October 2013. While EPA determined

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<sup>1</sup> Regulation of Fuels and Fuel Additives: 2013 Cellulosic Biofuel Standard, 79 Fed. Reg. 85, 25074 (May 2, 2014) (available at: <http://www.gpo.gov/fdsys/pkg/FR-2014-05-02/pdf/2014-10134.pdf>)

<sup>2</sup> Regulation of Fuels and Fuel Additives: 2013 Cellulosic Biofuel Standard, 78 Fed. Reg. 158, 49794 (Final Rule Aug. 15, 2013) (to be codified at 40 C.F.R. pt. 80) (available at: <http://www.gpo.gov/fdsys/pkg/FR-2013-08-15/pdf/2013-19557.pdf>) [hereinafter *Final Rule*].

<sup>3</sup> Regulation of Fuels and Fuel Additives: 2013 Cellulosic Biofuel Standard, 79 Fed. Reg. 85, 25025 (Direct final rule May 2, 2014) (to be codified at 40 C.F.R. pt. 80) (available at: <http://www.gpo.gov/fdsys/pkg/FR-2014-05-02/pdf/2014-10135.pdf>) [hereinafter *Direct Final Rule*].



that the petitions for reconsideration with regard to the 2013 cellulosic biofuel standard had demonstrated the statutory criteria specified in Section 307(d)(7)(B) of the Clean Air Act for the reconsideration, due to the anticipated cellulosic biofuel production in 2013, BIO urges the Agency not to make this type of revision a precedent.

The cellulosic biofuel standard is the main driver for cellulosic biofuel producers who have made commercial progress and are moving toward rapid commercial scale up. This policy is driving not only the development of liquid fuels, but also more efficient and value added products from the biorefinery process, such as renewable chemicals. To date, industrial biotechnology companies have invested more than \$6.0 billion in private capital here in the U.S. This includes the five cellulosic biofuel facilities EPA projects to produce commercial gallons of cellulosic biofuels in 2014 and an increasing number of renewable chemical facilities.

The biggest concern BIO member companies have is inconsistent regulatory policy undercutting investment and impeding the progress of cellulosic biofuels. While BIO encourages the EPA to get the most accurate number possible in setting cellulosic biofuel volumes, we urge the Agency to be cautious in making adjustments that create an inconsistent regulatory climate that will undercut investment and undermine the development of cellulosic biofuels just as they are set to produce millions of commercial gallons and launch a rapid scale up. If EPA continues to adjust the cellulosic volumes based solely off the comments of obligated parties who have shown an unwillingness to make use of these fuels, it risks signaling to biofuel producers and their investors there will be little to no market for cellulosic biofuels poised to come onto the market in the near future.

BIO would encourage EPA to follow United States Court of Appeals for the District of Columbia Circuit ruling in the January 2013 *API v. EPA*<sup>4</sup> ruling and "take a neutral aim for accuracy" when setting the annual RFS cellulosic volumes.

**III. EPA should consult with cellulosic biofuel producers to get the most accurate projection in setting its cellulosic volumes in its annual rulemaking and projections**

As BIO laid out in its comments on the Proposed Rule on the 2014 Standards for the RFS Program<sup>5</sup>, when setting the cellulosic RVO, EPA each year conducts a careful survey of the production intentions of commercial-scale cellulosic biofuel producers in the United States. EPA's neutral methodology based on these direct discussions with producers generates the best available projection of what will actually happen in the market during the coming year.

EPA determined that reconsideration of the cellulosic biofuel standard was necessary due to a reduced estimate of anticipated cellulosic biofuel production in 2013 that was announced shortly after EPA signed its final rule by one of two companies expected to produce cellulosic biofuel in 2013. BIO encourages EPA to continue to hold discussions with the identified producers to update these projections to be as accurate as possible in the final rule. Additionally, EPA should hold discussions with identified foreign cellulosic biofuel

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<sup>4</sup> *API v. EPA*, No. 12-1139 at 9 and 14 (D.C. Cir. filed Jan. 25, 2013).

<sup>5</sup> 2014 Standards for the Renewable Fuel Standard Program, 78 Fed. Reg. 230, 71732 (proposed Nov. 29, 2013) (to be codified at 40 C.F.R. pt. 80) (available at: <http://www.gpo.gov/fdsys/pkg/FR-2013-11-29/pdf/2013-28155.pdf>) [hereinafter *The Proposed Rule*].





producers and with producers awaiting pathway approvals to assess their intentions and include them as appropriate in setting the cellulosic requirement.

**IV. EPA should bring more cellulosic biofuels to the market by improving its timeliness on cellulosic biofuel pathway approvals as well as its annual rulemaking**

Looking ahead to the 2014 cellulosic biofuel volumes, EPA has excluded from its 2014 projection all foreign producers of cellulosic biofuel, even though it has identified four facilities that are complete or will be complete during 2014 and that have approved pathways for generating RINs. EPA should work with these companies to complete the registration process for the facilities in an expedient manner, enabling them to contribute volumes to meet the 2014 Renewable Volume Obligations (RVOs). EPA's exclusion of the facilities from the 2014 RVOs discourages these companies from both completing the registration process and exporting volumes to the U.S. fuel market. The lower RVOs thus become a self-fulfilling prophecy. EPA should include these companies in the same neutral methodology it uses for projecting domestic commercial production.

EPA has also excluded volumes of cellulosic biofuels from pathways that have yet to be approved. In the past four years, EPA has completed only 42 percent of the petitions it has received for new renewable fuel pathways under the RFS. On average, all biofuel companies have had to wait an average of 17 months for approval of new pathways under the RFS; while companies filing cellulosic biofuel pathway petitions have faced the longest wait times – on average 24 months. Currently, more than 36 petitions are still awaiting action – either approval or denial – and the average time that all pending petitioning companies have waited currently exceeds 19 months. These delays have slowed deployment of new advanced biofuel technologies.

This exclusion could chill investment for the identified companies and discourage these companies – and others – from completing the lengthy approval process for pathways and renewable fuel producers. For example, the National Waste & Recycling Association and the Solid Waste Association of North America contend if proposed changes to RFS pathways occur to allow landfill gas dedicated to transportation fuel to qualify as a cellulosic biofuel, there will be substantially greater volume of Cellulosic Biofuel available than is currently proposed.<sup>6</sup> EPA runs the risk of creating a self-fulfilling prophecy in setting the annual obligations below achievable volumes, while continuing to keep some volumes from reaching the market. EPA should anticipate the timely approval of pathways and registration processes and include in the 2014 RVO all possible volumes from companies that intend to begin producing during the year.

In addition to approving cellulosic biofuel pathways in a timely manner, EPA should seek to eliminate uncertainty about cellulosic biofuel volumes by completing timely rulemakings. Setting the annual RFS volumes will help give producers a better sense in reporting their estimated productions for cellulosic biofuels and give obligated parties a better anticipation of what fuels will be available for blending.

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<sup>6</sup> Kneiss, S and Skinner, J. National Waste & Recycling Association and Solid Waste Association Comments on Docket ID No. EPA-HQ-OAR-2013-0479. Submitted Jan. 28, 2014 (Appendix LXV)



V. **Conclusion**

BIO members are improving conventional biofuel processes, enabling cellulosic biofuel production technologies and speeding development of new purpose grown energy crops. Our membership includes four companies EPA cites in its proposed rule for the 2014 RFS as producing commercial gallons of cellulosic biofuels in 2014<sup>7</sup>. We are confident the biofuels industry can meet future cellulosic biofuel obligations under the RFS for 2014 and beyond, but only if the RFS is allowed to function in a manner that provides certainty to biofuel producers and their investors. As EPA finalizes the revision to the 2013 cellulosic biofuel standard, BIO encourages EPA to avoid making this precedent setting, work with cellulosic biofuel producers in setting the most accurate projections for future years, and bring more regulatory certainty by approving pending cellulosic biofuel pathways and issuing the annual RFS volumes in a timelier manner.

Sincerely,

A handwritten signature in black ink, appearing to read "Brent Erickson".

Brent Erickson  
Executive Vice President  
Biotechnology Industry Organization

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<sup>7</sup> *Visible Progress in Biorefinery Commercialization, Industrial Biotech Companies Show Progress in Commercialization*, Biotechnology Industry Organization, Jun. 15, 2012, available at: <http://www.bio.org/articles/visible-progress-biorefinery-commercialization> (Appendix I)



**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Benjamin Springer  
**Sent:** Mon 6/2/2014 3:37:47 PM  
**Subject:** FINAL REMINDER: Invitation to June 3rd Workshop on Technical and Policy Responses to Ultrafine Particle Pollution

Dear Paul,

On behalf of the Energy Future Coalition, I am writing to invite you to a half-day workshop on June 3 in Washington, DC, on the potential health effects of particulate pollution from aromatic hydrocarbons in gasoline – and their implications for environmental policy and regulation.

These issues have been a topic of concern to the Energy Future Coalition for nearly a decade and were the subject of an [April 1 workshop](#) that we convened with the National Institute of Environmental Health Sciences on the origins and health effects of ultrafine particles. [A summary of that event is available here.](#)

The purpose of this second workshop is to bring together leading experts and policymakers to discuss fuel and filter technology options for avoiding or controlling such particles and the toxic substances that can accompany them, especially polycyclic aromatic hydrocarbons (PAHs). This event will feature a panel of experts from the automobile, clean fuels and filter technology sectors, followed by an open discussion. We would welcome your contribution to the program and the discussion. **The session will begin at 1:30 pm and conclude by 4 pm, in our conference space at 1750 Pennsylvania Avenue, NW Washington, DC.**

**[Click here for agenda](#)**

We had previously planned a panel on the value of cleaner fuels to automakers facing higher fuel-economy standards, so as to reduce the use of aromatics and the creation of particulate pollution. Due to calendar conflicts, however, we have had to postpone this discussion until another day; we are attempting to reschedule it for later in June. This will be a strategy-oriented session focused on policy and regulatory implications for the sector.

We hope that you can join us to examine this important topic. Please let us know if you can

attend by RSVP to Ben Springer, and feel free to contact me, John Jimison, or Ben with any questions.

With best wishes,

Reid Detchon

Executive Director

Energy Future Coalition

1750 Pennsylvania Avenue, N.W., Suite 300

Washington, DC 20006

Phone: 202-463-1947

**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Fri 5/30/2014 12:50:12 PM  
**Subject:** RE: Thirsty?

Ok ... any chance we can catch up next week Monday or Tuesday ... maybe lunch?

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)  
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Washington DC 20004

**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Friday, May 30, 2014 8:42 AM  
**To:** Larry Schafer  
**Subject:** Re: Thirsty?

Nope. I'm off today.

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
Office of Transportation and Air Quality  
Mobile: 202-577-9354

**From:** Larry Schafer

**Sent:** Friday, May 30, 2014 8:40 AM

**To:** Argyropoulos, Paul

**Subject:** RE: Thirsty?

Are you in DC today?

-----  
Larry Schafer

National Biodiesel Board

O: 202.737.8801

M: 202.997.8072

[LSchafer@Biodiesel.org](mailto:LSchafer@Biodiesel.org)

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**From:** Argyropoulos, Paul [<mailto:Argyropoulos.Paul@epa.gov>]  
**Sent:** Monday, May 12, 2014 8:29 PM  
**To:** [lschafer@biodiesel.org](mailto:lschafer@biodiesel.org)  
**Subject:** Re: Thirsty?

Always but I wasn't at the office today. Sorry

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
Office of Transportation and Air Quality  
Mobile: 202-577-9354

**From:** Larry Schafer  
**Sent:** Monday, May 12, 2014 5:58 PM  
**To:** Argyropoulos, Paul  
**Reply To:** [lschafer@biodiesel.org](mailto:lschafer@biodiesel.org)  
**Cc:** Lindsay Fitzgerald  
**Subject:** Thirsty?

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Larry Schafer

t: 202.997.8072

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**To:** Argyropoulos, Paul[Argyropoulos.Paul@epa.gov]  
**From:** Larry Schafer  
**Sent:** Fri 5/30/2014 12:40:33 PM  
**Subject:** RE: Thirsty?

Are you in DC today?

-----  
Larry Schafer

National Biodiesel Board

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**From:** Argyropoulos, Paul [mailto:Argyropoulos.Paul@epa.gov]  
**Sent:** Monday, May 12, 2014 8:29 PM  
**To:** lschafer@biodiesel.org  
**Subject:** Re: Thirsty?

Always but I wasn't at the office today. Sorry

Paul Argyropoulos  
Senior Policy Advisor  
US EPA  
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Mobile: 202-577-9354

**From:** Larry Schafer

**Sent:** Monday, May 12, 2014 5:58 PM

**To:** Argyropoulos, Paul

**Reply To:** [lschafer@biodiesel.org](mailto:lschafer@biodiesel.org)

**Cc:** Lindsay Fitzgerald

**Subject:** Thirsty?

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Larry Schafer

t: 202.997.8072

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